

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/02/2010

Cameron Merrill
Assistant District Attorney, Suffolk County

Dear ADA Merrill,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]. Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan & Daniel Renczkowski.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Khan (Dookhan) was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to be "Annie Khan".

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us

DRUG RECEIPT

CC #

BOOK #

149

PAGE #

9

DESTRUCTION #

District/Unit

B2/DCU

Name & Rank of Arresting Officer

PO Santillana

ID#

102339

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Boston

MA

Roxbury

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

Heroin

1 P/B

1.60g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Sgt. White

ID#

11064

Received by

[Signature]

Date

7-16-10

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

- *Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

- *Maintenance and repairs of analytical instruments.

- *Maintain the Quality Control of analytical instruments and controls/standards.

- * Maintain the Quality Control/Quality Assurance program for the drug lab.

- *Notary Public

- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the Massachusetts Biologic Laboratory, Quality Control and Quality Assurance Department.

- *Routine QC testing of products for the FDA.

- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.

- *Writing, revising and reviewing Standard Operating Procedures (SOPs).

- *Complete testing of chemicals for Vendor Validation Project for the FDA.

- *Method Development for creating new techniques for the QC Department.

- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept of Justice – Forensics Professionals

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with Massachusetts Biologic Laboratory and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED]

Date Analyzed:

City: Boston D.C.U. Police Dept.

10-12-10

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 07/16/2010

No. Analyzed:

Gross Wt.: 1.60

Net Weight: 0.05

Tests: 1 ASD

• 2 DTR

Prelim: Heroin

Findings:

Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ADD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

Beige powdered substance
in 1 pb

Gross Wt (): 0.0898

Gross Wt ():

Pkg. Wt:

Net Wt: 0.0500

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis +

Froehde's +

Mecke's +

Microcrystalline Tests

Gold
Chloride

TLTA ()

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 10-4-10

GC/MS CONFIRMATORY TEST

RESULTS Heroin

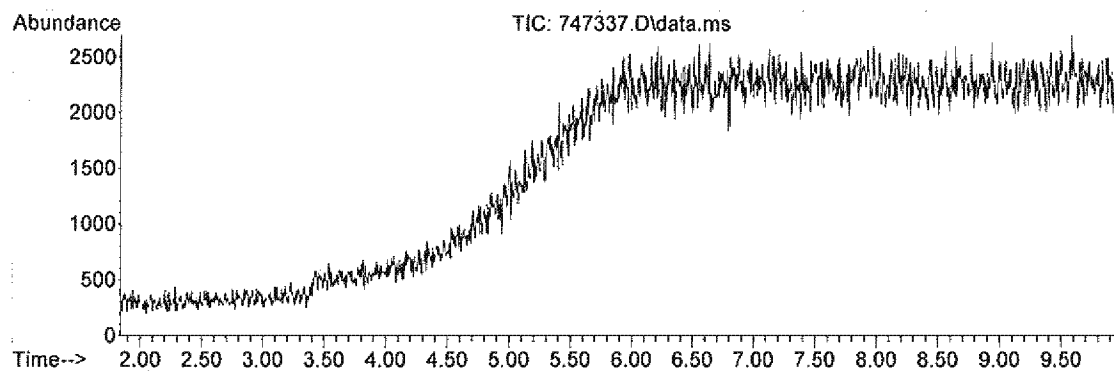
MS
OPERATOR DJR

DATE 10-12-10

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747337.D
Operator : DJR
Date Acquired : 5 Oct 2010 15:58
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ DJR
12-1-10

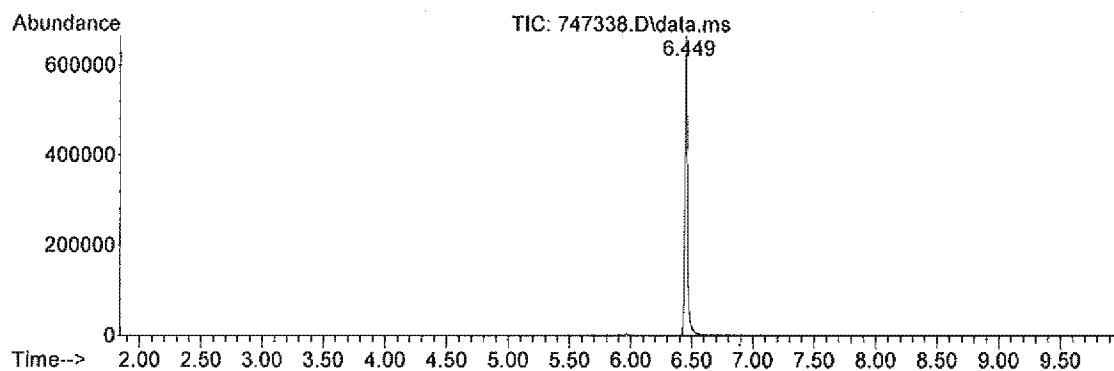


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747338.D
Operator : DJR
Date Acquired : 5 Oct 2010 16:11
Sample Name : HEROIN STD
Submitted by :
Vial Number : 38
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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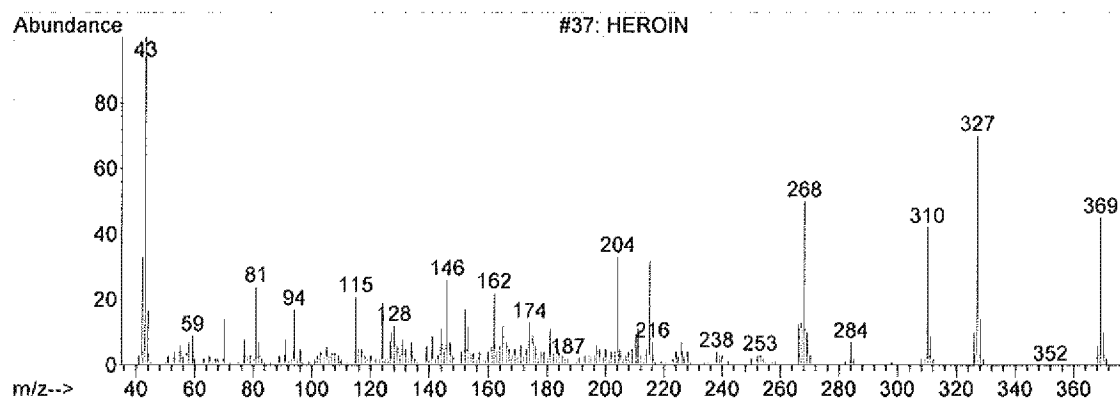
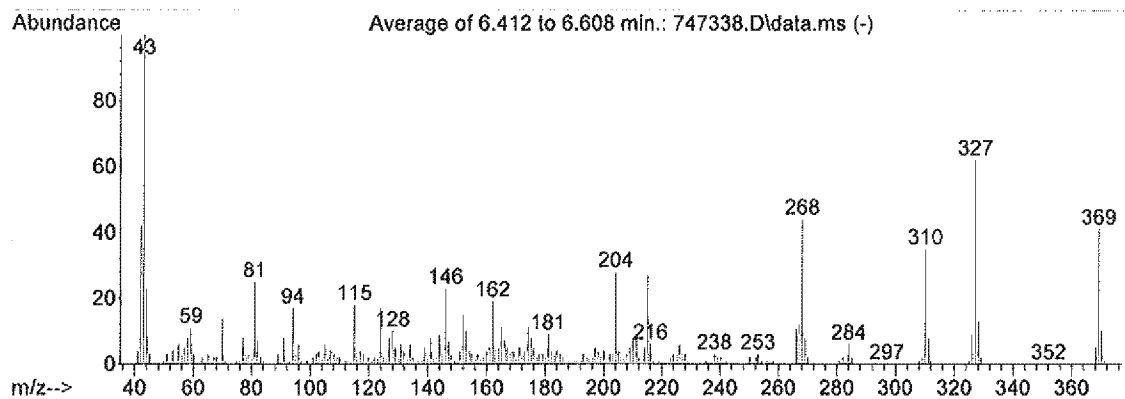
6.449	1007605	100.00	100.00
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Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747338.D
Operator : DJR
Date Acquired : 5 Oct 2010 16:11
Sample Name : HEROIN STD
Submitted by :
Vial Number : 38
AcquisitionMeth: DRUGS.M
Integrator : RTE

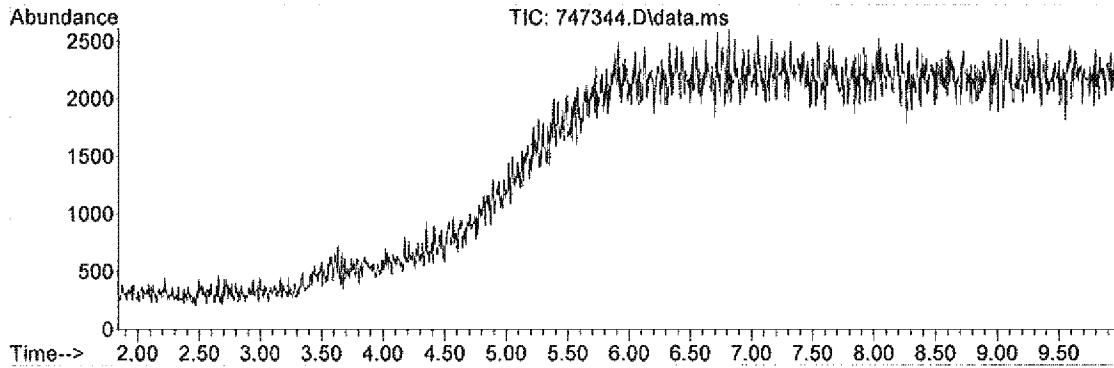
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C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.45	C:\Database\SLI.L		
		HEROIN	000561-27-3	99
		HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747344.D
Operator : DJR
Date Acquired : 5 Oct 2010 17:26
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

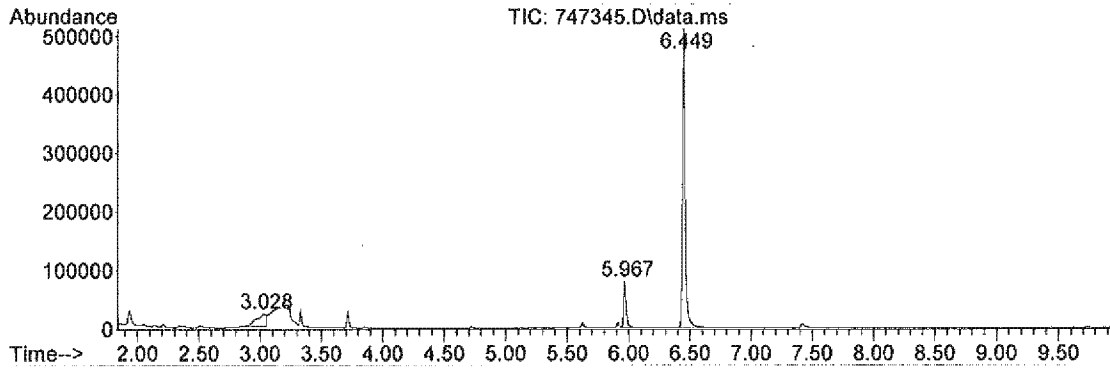


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747345.D
Operator : DJR
Date Acquired : 5 Oct 2010 17:39
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 45
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.028	117631	12.00	15.46
5.967	101252	10.33	13.31
6.449	760989	77.66	100.00

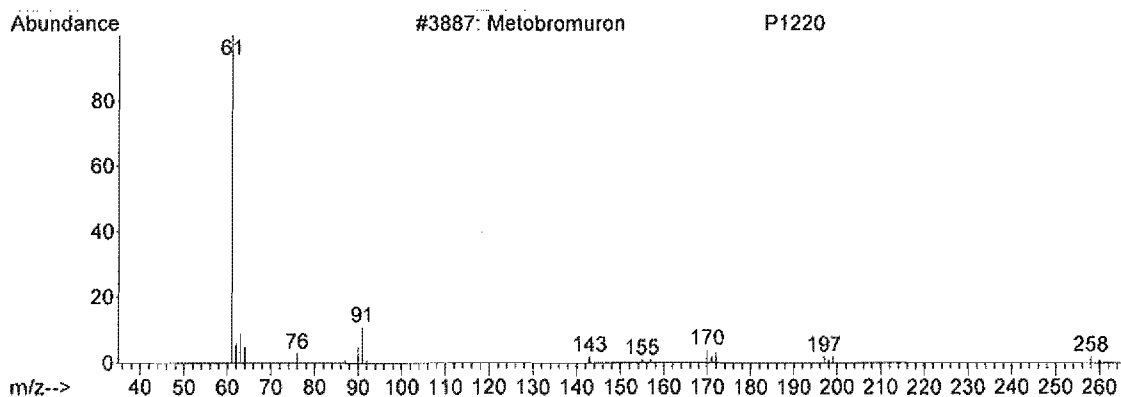
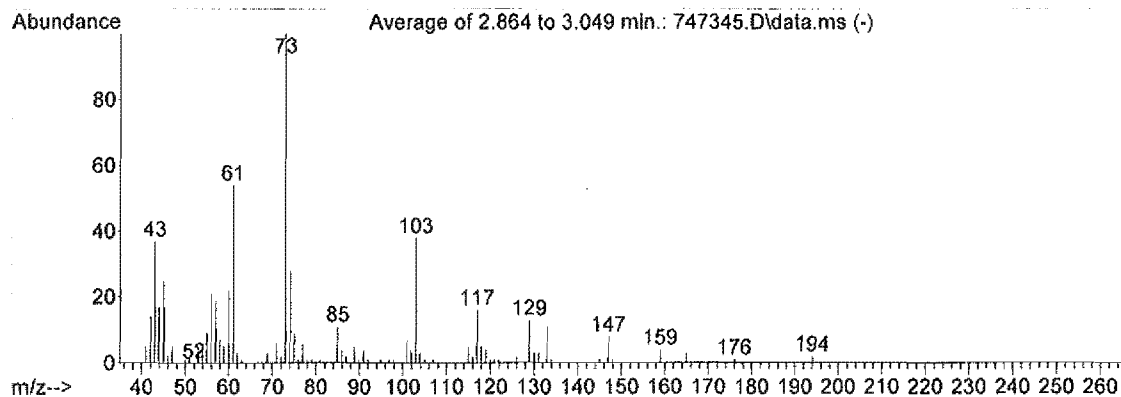
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747345.D
 Operator : DJR
 Date Acquired : 5 Oct 2010 17:39
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 45
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.03	C:\Database\PMW_TOX2.L		
		Metobromuron	003060-89-7	4
		Aminoethanol	000141-43-5	3
		Myristic acid	000544-63-8	2



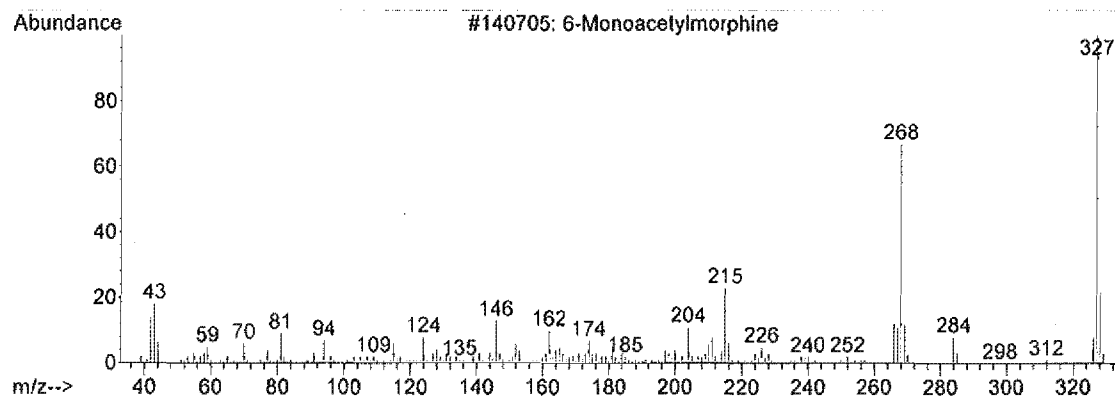
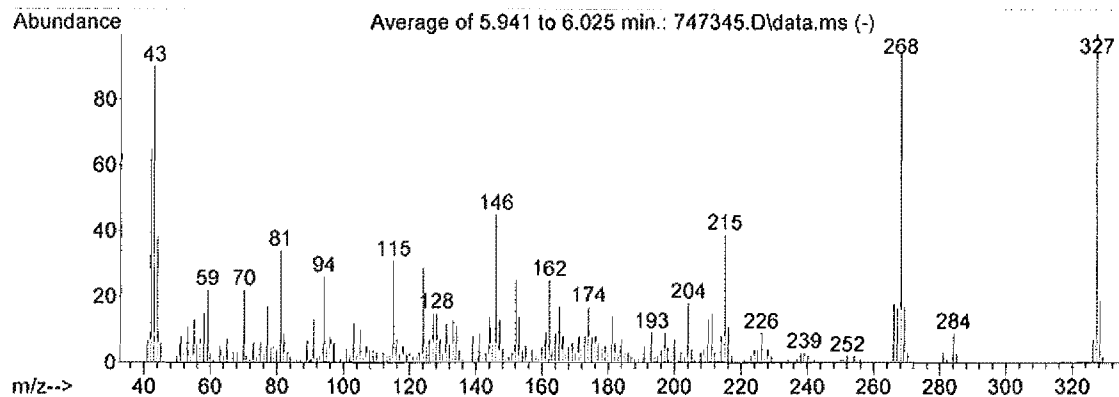
Area Percent / Library Search Report

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747345.D
 Operator : DJR
 Date Acquired : 5 Oct 2010 17:39
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 45
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	5.97	C:\Database\NIST05a.L		
		6-Monoacetylmorphine	002784-73-8	99
		6-Monoacetylmorphine	002784-73-8	95
		6-Monoacetylmorphine	002784-73-8	94

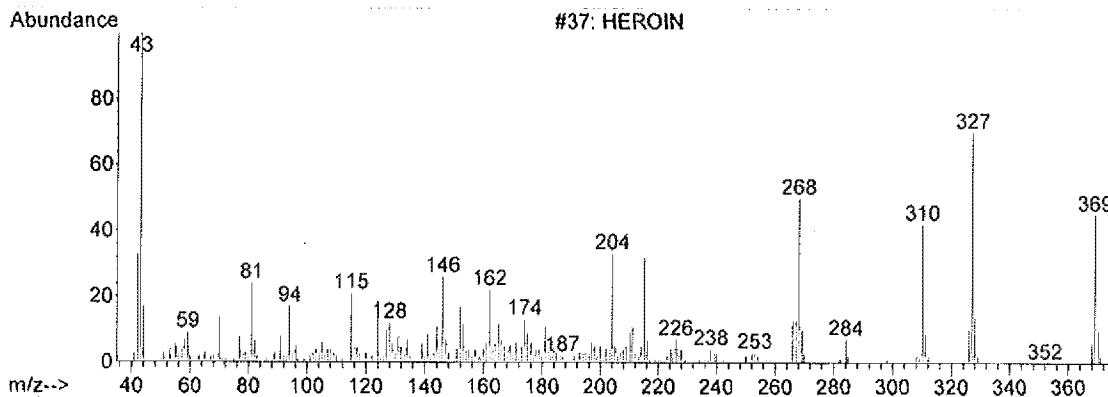
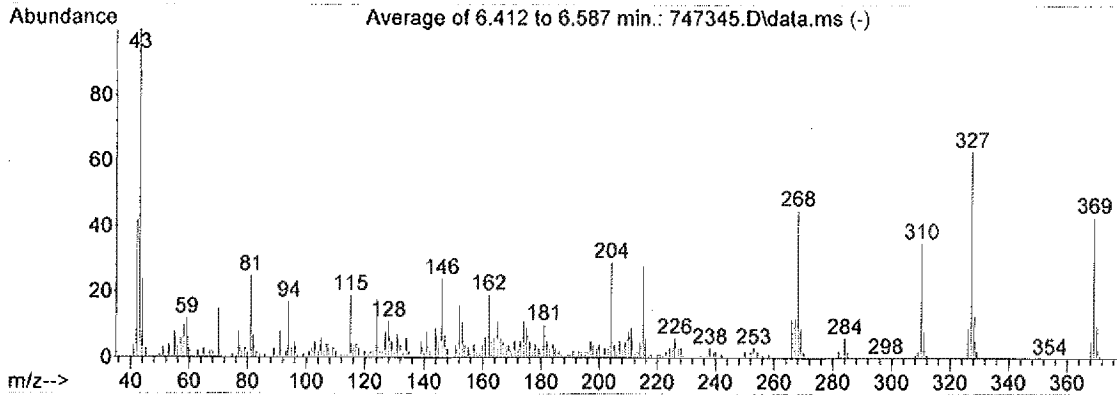


Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747345.D
Operator : DJR
Date Acquired : 5 Oct 2010 17:39
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 45
AcquisitionMeth: DRUGS.M
Integrator : RTE

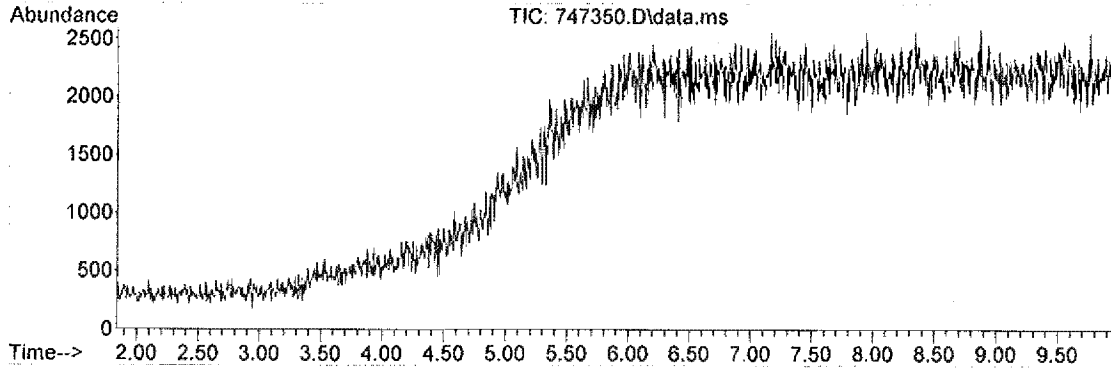
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.45	C:\Database\SLI.L		
		HEROIN	000561-27-3	99
		HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747350.D
Operator : DJR
Date Acquired : 5 Oct 2010 18:42
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

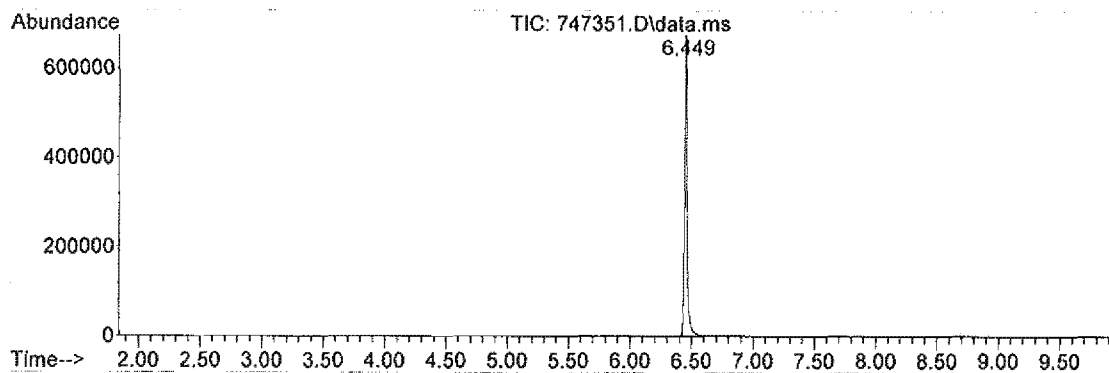


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747351.D
Operator : DJR
Date Acquired : 5 Oct 2010 18:55
Sample Name : HEROIN STD
Submitted by :
Vial Number : 51
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.449	1026491	100.00	100.00

Information from Data File:

File Name : F:\SYSTEM7\10_05_10\747351.D
Operator : DJR
Date Acquired : 5 Oct 2010 18:55
Sample Name : HEROIN STD
Submitted by :
Vial Number : 51
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.45	C:\Database\SLI.L		
		HEROIN	000561-27-3	99
		HEROIN	000561-27-3	99

